

Title (en)
MEASURING LINE PERFORMANCE

Title (de)
LINIENLEISTUNGMESSVERFAHREN

Title (fr)
MESURE DE PERFORMANCE DE LIGNE

Publication
EP 2266300 A1 20101229 (EN)

Application
EP 09728949 A 20090218

Priority
• GB 2009000435 W 20090218
• EP 08251221 A 20080331
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Abstract (en)
[origin: EP2107772A1] A method of measuring the performance of a DSL line is proposed, providing an indication of potential faults in the line. Analysis of broadband DSL is less straightforward than for other technologies, since 'normal' behaviour depends on a number of factors, including line length and line quality, where normal behaviour for a long line could be regarded as poor for a short line. The data transmission characteristics of a DSL line under test are measured with reference to its upstream line attenuation, then the results are compared with the model for the corresponding data transmission characteristic. A performance measure is calculated for each characteristic indicative of the difference between the measured characteristic and the observed "average" for other lines having the same upstream line attenuation. A final line performance indicator is calculated based on the combination of all the individual performance measures, which provides a quantitative measure of a line's performance.

IPC 8 full level
H04M 3/30 (2006.01); **H04B 3/46** (2015.01)

CPC (source: EP US)
H04B 3/46 (2013.01 - EP US); **H04M 3/306** (2013.01 - EP US)

Citation (search report)
See references of WO 2009122121A1

Cited by
US11641219B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

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EP 2107772 A1 20091007; EP 2266300 A1 20101229; EP 2266300 B1 20160323; US 2011029283 A1 20110203; US 8447567 B2 20130521; WO 2009122121 A1 20091008

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